

ABSTRACT OF THE DISCLOSURE

An oil tool forms holes or perforations which extend horizontally away from the borehole and into the formation for recovering additional oil and gas from the formation. The tool provides a downhole tool capable of drilling horizontally into a formation and further capable of operating in a relatively small well bore, such as those having a diameter of less than six inches. In addition, the tool does not tend to spiral or otherwise deviate from horizontal during drilling operations. The tool of the present invention includes a drill capable of drilling or tunneling through the formation, a magazine or carrier which contains a plurality of hollow joints or segments, a hydraulic pump and a mechanism for assembling and disassembling the segments. Once in place, the assembly mechanism removably attaches a segment from the magazine to the drill.

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